

13/PATS

Description

MAGNETIC HEAD, RECORDING/REPRODUCING METHOD FOR TAPE MAGNETIC
RECORDING MEDIUM, AND ROTARY MAGNETIC HEAD MECHANISM

MD5 7.2205 THIS APPLICATION IS A 371 OF PCT/JP01/01488 02/28/2001
Technical Field

09980887-102001 The present invention relates to a magnetic head, a recording and reproducing method for a tape magnetic recording medium, and a rotary magnetic head mechanism.

Background Art

As an apparatus for recording and reproducing signals on/from a tape magnetic recording medium, a rotary drum type of video cassette recorder apparatus is widely used wherein a track is formed at an inclined angle for record on the tape magnetic recording medium by the magnetic head which is mounted on the rotating drum, and reproducing is also performed by tracing this inclined track. Above all, in recent years, a rotary drum type of VTR apparatus of the digital standards has come into wide use.

As an example of the tape magnetic recording medium, a coat-type of magnetic tape is available. Its structure is such that a magnetic layer or a magnetic surface is formed on a plastic substrate coated with needle-like or fine grain magnetic particles by a binder which is an adhesive agent. As to the magnetic surface, as the recording is performed in high density, its coercive force